

GOES-R Proving Ground All Hands

SPoRT Update

HWT Spring Program

National Centers Activity

OCONUS activities

PG products to WFOs

HWT/SPC Spring Experiment

Active participation in HWT Spring Program

Products

- pGLM products – available in AWIPS, NAWIPS, and AWIPS 2
- LFA run from NSSL WRF
- Provided future UWCI product for evaluation
- SPoRT WRF demonstration

People - SPoRT staff there 4 out of 5 weeks

Provided corrections to draft evaluation report

Preparing for 2012 Spring Experiment

- LMA mosaic – AWIPS 2 applications
- RGB suite of products
- LFA enhancements
- SPoRT WRF forecasts (LIS, composite SSTs, AIRS profiles)

RGB products to National Centers

SPoRT support to National Centers demonstrations include providing a suite of RGB and other products to address various forecast issues

OPC,HPC, and SAB

- Air Mass (AM) RGB product from GOES Sounder (CIRA) AM RGB, MODIS AM RGB (produced by SPoRT), and SEVIRI AM RGB (produced by SPoRT – individual channels obtained from NESDIS)
- Initially single workstation, now throughout HPC, OPC, and SAB
- Michael Folmer extensive use of products with staff of HPC, OPC, and SAB to support tropical weather in August – several blog posts

<http://nasasport.wordpress.com/2011/09/06/ts-lee-extratropical-transition-animation/>

Will work with full staff at Centers in coming weeks

NHC

- Products ready to go for NHC – provided instructions/scripts for ingest, waiting for it to happen
- Michael Folmer offered to help out

Future products

- Other RGBs, limb corrected MODIS RGBs), SSTs, possible ABI proxy QPE product (Kuligowski)

September 12, 2011 – Conference Call

OCONUS

Obtained reliable access to Terra / Aqua MODIS from UAF

- Enhancing suite of products to support OCONUS activities (not all PG products) - SSTs, RGBs, MODIS imagery, passive microwave products for precipitation
- Will work with Pacific Region in coming months

Windsat ocean surface vector winds from NRL

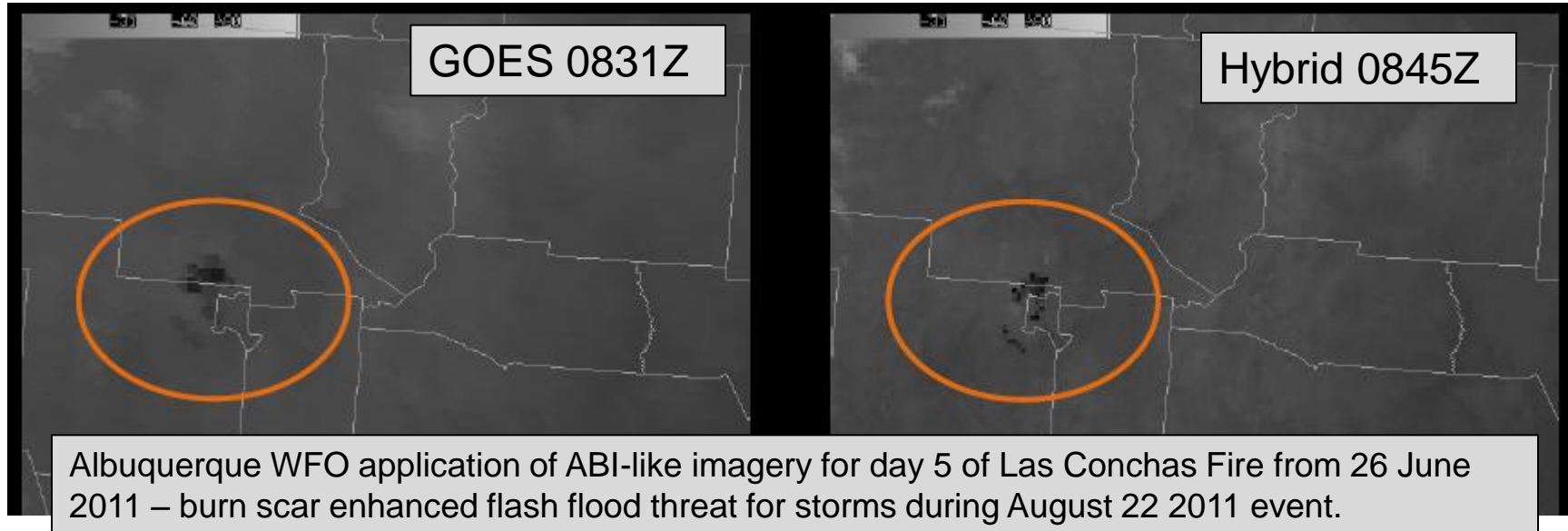
- Data to 3 Alaska Region WFOs and Monterey
- Refining training –components of EUMETSAT and COMET for end user
- Plan to transition to Eureka and Medford
- Evaluation impact on forecasts

Evaluation and transition of baseline QPE product (Kuligowski)

- iterated with Alaska Region on domain of coverage
- feedback to Bob
- working with Bob to get product in AWIPS for initial dissemination to AR PR

PG Products to WFOs

Continued eval. of hybrid in WFOs – number of examples presented at recent SPoRT Partner Virtual Workshop



PG Products to WFOs

CI product to WFOs (MFL, MLB, HUN)

- Conducted teletraining on Aug 18, and again on Aug 31 per WFO request
- Recorded 2nd teletraining for other staff to use
- User Assessment questions developed with UAH for September Eval.

Example from MLB – Convergence of sea breeze and Lake Okeechobee lake breeze.
Noted both hits and misses on this day with lead times from 10 – 30 minutes

UAH CI and Vis.
at 1815Z

Comp. Refl.
at 1842Z